

**SELF LEVELING BOOM SYSTEM WITH ROTATABLE WORKING  
ASSEMBLY**

**ABSTRACT OF THE DISCLOSURE**

5 A fire fighting vehicle having a boom system includes a working  
assembly attached to an end portion of the boom system. The working assembly  
comprises a frame pivotally mounted at a midpoint of the frame to the end portion  
of the boom. The frame carries a mechanical actuator that is connected to a tool  
capable of piercing an exterior of a structure when the mechanical actuator is  
actuated.